



Deluxe Power Grip for Canon 40D/50D  
INSTRUCTION MANUAL

VIV-PG-50D

**Vivitar**  
SERIES 1



## Limited One Year Warranty

Vivitar warrants this quality product to be free of defects in material and workmanship for a period of one year from the date of purchase. During the period, Vivitar will repair or replace the product at no charge for parts or labor.

### TIME PERIOD OF THIS WARRANTY

The time period of this warranty starts from the date of the original purchase and expires on the first anniversary date of purchase.

### WHAT IS NOT COVERED BY THIS WARRANTY

No express or implied warranty is made for any defects in this product which result from accident, abuse, misuse, failure to operate the product in accordance with relevant instructions, neglect, immersion in or exposure to chemicals or liquids, extremes of climate, fungus, excessive wear and tear/cosmetic damage and defects resulting from other extraneous causes such as unauthorised disassembly, repair or modification.

This warranty shall not extend to any incidental or consequential damages arising from the purchase, use or inability to use this product even if Vivitar has been advised of such damages. The laws of some countries and some States thereof do not allow the limitation of incidental or consequential damages, so the above limitation or exclusion may apply to you.

## WHAT TO DO WHEN SERVICE IS NEEDED

STEP 1. Package the product and relevant accessories carefully, using ample padding materials and a sturdy mailing container to prevent damage in transit.

STEP 2. Include in package:

- a) Evidence of date and place of original purchase (for example, a copy of your sales receipt).
- b) Detailed description of your problem.
- c) When possible, a sample evidencing the problem.

STEP 3. Return item (insured) to: Vivitar

Attn: Technical Support  
195 Carter Drive  
Edison NJ 08817

When service is complete, the product will be returned to you shipping prepaid. In the event the product is deemed to be not faulty or the defect is a result in wear and tear, Vivitar may levy a handling charge for the return of the product.

This warranty gives you specific legal rights. You may also have other rights which vary from country and State to State thereof.

For more information visit our website [www.vivitar.com](http://www.vivitar.com)

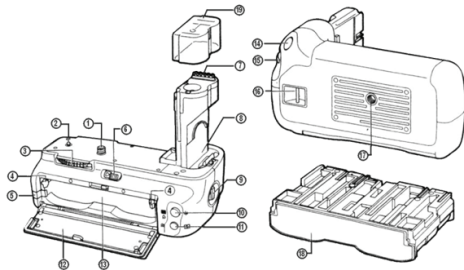
## Introduction

Congratulations on your purchase of the VIV-PG-50D. The VIV-PG-50D is a battery grip for Canon EOS 50D, 40D, 30D and 20D digital SLR cameras. It is capable of holding two BP-511A or six AA sized batteries. It is also equipped with a vertical shutter button, a dial, an AE lock/FE lock button, and an AF point selection button which will enable shooting in the same way as a horizontal grip.

**Note:** *The E-1 hand strap (sold separately) can be used for enabling a more secure grip. Battery packs BP-514, BP-511 and BP-512 can also be used.*

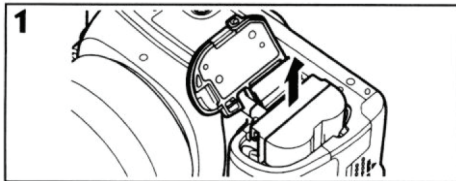
## A Quick Look at Your Device

1. Attachment Screw
2. Guide Pin
3. Attach/Detach Knob
4. Battery release lever
5. DC coupler cord mount
6. Battery compartment release lever
7. Electrical contacts
8. Camera battery compartment cover slot
9. Vertical grip ON/OFF switch
10. Vertical grip AE lock/FE lock/Index/Reduce button
11. Vertical grip AF point selection/Magnify button
12. Battery compartment cover
13. Battery compartment



14. Vertical grip shutter button
15. Vertical grip main dial
16. Hand strap mount
17. Tripod socket
18. Battery magazine
19. Protective cover

## Attaching Your Power Grip to Your Camera

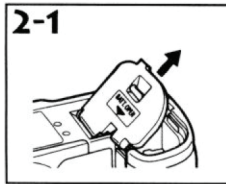


1. Remove the battery that is in your camera (See figure 1 to the left.)

2. Detach the camera's battery compartment cover.

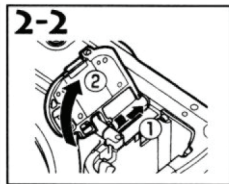
**If you are using EOS 40D or 50D cameras:**

Place your camera on a desk or other flat surface and hold it firmly so that it does not drop. Next, pull the battery compartment cover while it is opened at a slanted angle to remove it. See figure 2-1.



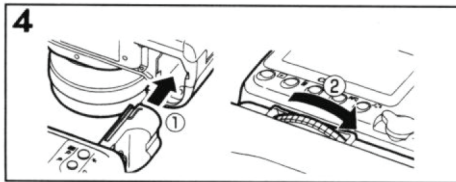
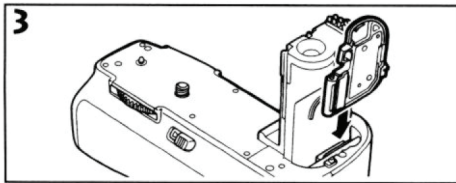
**If you are using EOS 30D or 20D cameras:**

See figure 2-2 to remove the battery compartment cover.



## Attaching Your Power Grip to Your Camera (continued)

3. Insert the detached cover into its storage slot to ensure that it will not be lost. See figure 3.



4. Remove the protective cover, and then insert the electrical contacts of your power grip into the battery compartment of your camera. See figure 4.

5. Align the attachment screw with the camera's tripod socket, and then turn the attach/detach knob to tighten the power grip securely to your camera. See figure 4.

## Attaching Your Power Grip to Your Camera (continued)

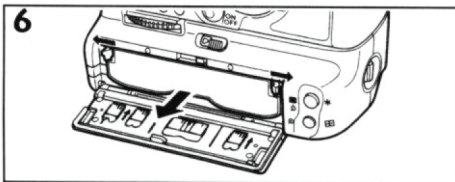
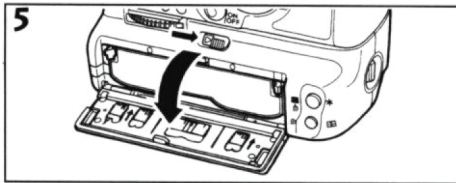
**NOTE:** Be sure to attach the battery grip to your camera before loading the battery magazine into the battery grip. Your camera may not display the correct amount of power provided by your battery grip if you attach the battery grip with the battery magazine already loaded.

Before removing your battery grip from your camera, make sure to turn the power switch on your camera to the OFF position, and to also remove the battery magazine. Once the battery grip is removed, attach the included protective cover over the electric contacts of your battery grip.



## Inserting Battery Packs Into Your Power Grip

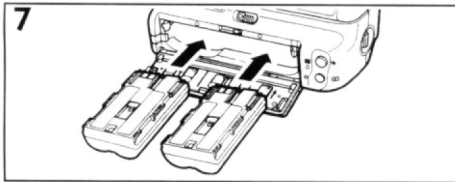
1. Slide the lever as shown by the arrow in figure 5 and open the cover. See figure 5.



2. Press both release levers outward in the battery compartment and remove the battery magazine. See figure 6.

## Inserting Battery Packs Into Your Power Grip (continued)

3. Check the illustration on the battery compartment cover, and then insert the batteries all the way in. See figure 7.



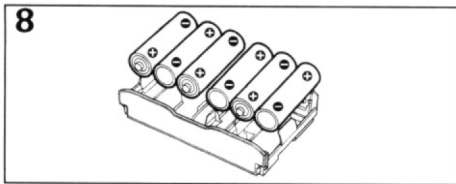
4. Close the battery compartment cover until it clicks into place.

## Inserting Battery Packs Into Your Power Grip (continued)

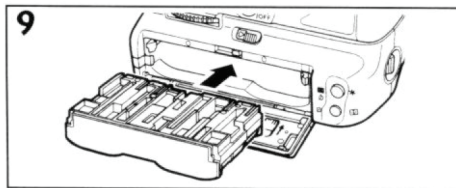
**NOTE:** If only one battery will be used, it may be inserted in either the right or left sides. If two batteries packs are inserted, power is supplied simultaneously by both battery packs. Two battery packs at different charging levels can be used without any complications.

## Inserting AA Batteries

1. Insert your AA batteries into the battery magazine. Make sure the batteries are inserted with the + and – ends in the directions shown on the battery magazine. See figure 8.



2. Turn over the battery magazine so that the inserted batteries are facing downward, and then insert the battery magazine into the battery grip until the release lever locks into place. See figure 9.



3. Close the battery compartment cover until it clicks into place.

## Inserting AA Batteries (continued)

**NOTE:** When AA sized batteries are being used, the continuous shooting speed during AI Servo AF will slow down. Also, fewer images can be shot. Therefore, usage of AA batteries is recommended only for emergencies. Use of AA batteries is also not recommended when connecting the camera to a computer.

When using disposable AA batteries the camera may not function when using at temperatures below 20°C/68°F or for certain battery brands and in some storage conditions.

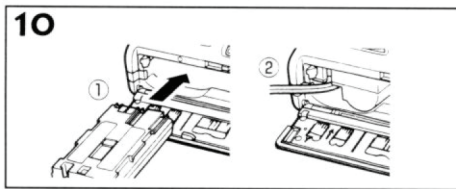
Only insert six new batteries that are of the same brand. Do not use old and new batteries together.

## Inserting the DC Coupler

To connect to a household power outlet use the AC adapter kit ACK-E2 (sold separately).

1. Connect the DC coupler to the AC adapter, and then connect the power cord to a power outlet.

2. Load the DC coupler to the left side of the battery compartment, (see figure 10), and pass the cord through the cord mount (see figure 10).



3. Insert the DC coupler all the way in.

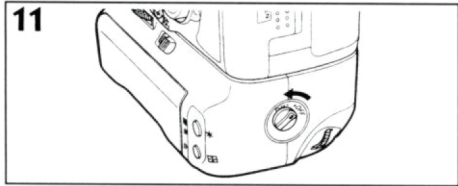
4. Check that the cord passes properly through the cord mount and close the cover until it clicks into place.

## Inserting the DC Coupler (continued)

**NOTE:** Do not connect or disconnect the power cord while the camera power switch is in the ON position. The DC coupler can also be used with the compact power adapter CA-PS400 and the DC coupler DR-400. Both are sold separately.

## Using the Battery Grip

Turn the vertical grip ON/OFF switch to the ON position (see figure 11) in order to make the buttons and dials on your power grip function in the same way as those on your camera.



When shooting in the horizontal grip position, turn the vertical grip ON/OFF switch to the OFF position so that you do not accidentally use the buttons or dials on the power grip.

### CAUTION

Remove the power supply from your power grip when your camera will not be used for an extended period of time.

Never attempt to disassemble or repair this device. Any malfunction or accident resulting from such action is not covered by your warranty.



## Battery Life

Temperature: +23°C/0°C, 73°F/32° (Number of shots approximate)

<b>MODEL</b>	<b>Power Supply</b>	<b>No Flash</b>	<b>50% Flash</b>
<b>EOS 40D &amp; EOS 50D</b>	<b>BP-511A x 2</b>	<b>2200/1900</b>	<b>1600/1400</b>
	<b>AA Alkaline Batteries</b>	<b>400/200</b>	<b>300/100</b>
<b>EOS 30D</b>	<b>BP-511A x 2</b>	<b>2200/1800</b>	<b>1400/1200</b>
	<b>AA Alkaline Batteries</b>	<b>400/200</b>	<b>300/100</b>
<b>EOS 20D</b>	<b>BP-511A x 2</b>	<b>2200/1500</b>	<b>1400/1100</b>
	<b>AA Alkaline Batteries</b>	<b>250/0</b>	<b>120/0</b>

\*Based on CIPA (Camera & Imaging Products Association) testing standards. No live view shooting. The number of images that can be shot is reduced by use of the LCD monitor and using the AF frequently without shooting.

## Specifications

<b>Type:</b>	Battery grip for the EOS 50D/40D/30D/20D
<b>Power Sources:</b>	(1) Battery Pack BP-511A/514/511/512 (2) AA size batteries: Alkaline batteries (3) AC adapter kit ACK-E2 (not included)
<b>Power Switch:</b>	Camera's power switch
<b>Dimensions:</b>	142.7 (w) x 110.5 (H) x 75.7 (D) mm / 5.6(w) x 4.4(H) x 3(D) inches
<b>Weight:</b>	Approximately 440g/11.5 oz.



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